

10/055,878

=> s (4D or 4 dimension?) (3a) biochip?
L2 4 (4D OR 4 DIMENSION?) (3A) BIOCHIP?

=> dup rem l2
PROCESSING COMPLETED FOR L2
L3 2 DUP REM L2 (2 DUPLICATES REMOVED)

=> d l3 bib abs 1-2

L3 ANSWER 1 OF 2 USPATFULL on STN
AN 2004:24775 USPATFULL
TI Biochip preparation method
IN Lin, Yu-Ting, Taipei, TAIWAN, PROVINCE OF CHINA
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PA BENQ CORPORATION (non-U.S. corporation)
PI US 2004018614 A1 20040129
AI US 2003-616520 A1 20030709 (10)
PRAI TW 2002-91115598 20020712
DT Utility
FS APPLICATION
LREP Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA,
90036
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 8 Drawing Page(s)
LN.CNT 383
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A preparation method for biochips. The method comprises spraying a
hydrophobic material onto a substrate by a micro injecting process to
form a hydrophobic region thereon, wherein the hydrophobic region
separates a plurality of partitions on the substrate, and immobilizing a
probe on the partition by the micro injecting process.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 2003:590730 CAPLUS
DN 139:114079
TI Four dimensional biochip design for high throughput applications and
methods of using the four dimensional biochip
IN Liu, Ben Hui
PA Bio-Informatics Group, Inc., USA
SO U.S. Pat. Appl. Publ., 23 pp.
CODEN: USXXCO
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 2003143722	A1	20030731	US 2002-55878	20020128
WO 2003064703	A1	20030807	WO 2003-US48	20030128
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI US 2002-55878

A

20020128

AB The present invention provides a **4D biochip** containing m
3D biochips having n capillaries, wherein the n capillaries each contain a
biol. factor, and methods for preparing and using the **4D**
biochip to provide rapid, efficient assays of large quantities of
samples and/or factors.

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